

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S) : Carlos Fritsch Yusta *et al*  
SERIAL NO. : 10/587,994 EXAMINER : Not Assigned  
FILED : July 31, 2006 ART UNIT : Not Assigned  
FOR : COHERENT COMPOSITION OF SIGNALS BY  
MEANS PROGRESSIVE FOCAL CORRECTION

CERTIFICATE OF MAILING UNDER 37 CFR 1.8

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on May 30, 2007

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Lois A. Snure 5/30/07  
(Signature and Date)

INFORMATION DISCLOSURE STATEMENT

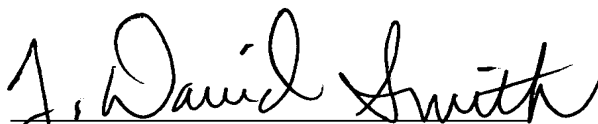
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Dear Sir:

In accordance with Applicant's and Applicant's representatives' Duty of Disclosure under 37 CFR § 1.56, and pursuant to 37 CFR §1.97 and MPEP 717.05(b), Applicant(s) submit herewith documentary information for consideration by the Examiner. Information herein cited is only set forth in fulfillment of Applicant's duty of candor in disclosing all information brought to his attention, and is not an admission that it can be used adversely. The documents forwarded herewith are listed on the enclosed Form PTO-1449. Applicant(s) request that the Examiner, upon reviewing the enclosed materials, initial the enclosed form and return a copy thereof in accordance with the instructions on the form.

Enclosed please find copies of References 1 through 21 listed on the attached Form PTO-1449. No fee is believed due for the filing of this statement inasmuch as it is being filed before the mailing of the first official action on the merits. However, should the Patent and Trademark Office determine otherwise, authorization is hereby given to charge Deposit Account No. 11-1153 for this filing.

Respectfully submitted,

A handwritten signature in black ink, reading "J. David Smith". The signature is written in a cursive style with a large, stylized "J" and "S".

J. David Smith  
Attorney for Applicants  
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

1

**Complete if Known**

Application Number	10/587,994
Filing Date	July 31, 2006
First Named Inventor	Carlos Fritsch Yusta
Art Unit	Not Assigned
Examiner Name	Not Assigned
Attorney Docket Number	1379-1-035

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	1	US- 4,058,003	11-15-1997	Macovski	
	2	US- 4,550,607	11-05-1985	Maslak et al	
	3	US- 4,699,009	10-13-1987	Maslak et al	
	4	US- 4,983,970	01-08-1991	O'Donnell et al	
	5	US- 5,111,695	05-12-1992	Engeler et al	
	6	US- 4,796,236	01-03-1989	Welles, II et al	
	7	US- 5,268,877	12-07-1993	Odell	
	8	US- 5,469,851	11-28-1995	Lipschultz	
	9	US- 5,522,391	06-04-1996	Beaudin et al	
	10	US- 6,042,547	03-28-2000	Wright et al	
	11	US- 6,231,511 B1	05-15-2001	Bae	
	12	US- 5,581,036	12-03-1996	Chang et al	
	13	US- 4,809,184	02-28-1989	O'Donnell et al	
	14	US- 4,974,211	11-27-1990	Corl	
	15	US- 5,669,384	09-23-1997	Park et al	
	16	US- 5,836,881	11-17-1998	Bae	
	17	US- 5,724,972	03-10-1998	Petrofsky	
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner  
SignatureDate  
Considered

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Art Unit	Not Assigned
Examiner Name	Not Assigned
Attorney Docket Number	1379-1-035

Sheet 2 of 2

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	18	JOO HAN KIM et al, Pipelined Sampled-Delay Focusing In Ultrasound Imaging Systems, Ultrasonic Imaging, 75-91 (1987), Lorea Advanced Institute of Science and Technology, Seoul, Lorea	
	19	D.K. PETERSON et al, Real-Time Digital Image Reconstructions: A Description of Imaging Hardware and an Analysis of Quantization Errors, IEEE Transactions on Sonics and Ultrasonics, Vol. SU-31, No. 4, July 1984	
	20	RAY ANDRAKA, A Survey of CORDIC algorithms for FPGA based computers, Andraka Consulting Group, Inc., North Kingstown, RI, 1998	
	21	KI JEON et al, An Efficient Real Time Focusing Delay Calculation in Ultrasonic Imaging Systems, 16, 231-248 (1994) Korean Advanced Institute of Science and Technology, Taejon, Korea, Academic Press, Inc., 1994	

Examiner Signature		Date Considered	
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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